

PLUMBING GENERAL NOTES:

1. ALL WORK IS TO BE DONE IN A NEAT AND WORKMANLIKE MANNER USING ACCEPTABLE TRADE PRACTICES AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
2. PLUMBING IS SHOWN IN SCHEMATIC FORM. ROUTE AS REQUIRED FOR CLEARANCE WITH STRUCTURAL CONDITIONS AND COORDINATE WITH OTHER TRADES FOR NEW WORK.
3. (48) FORTY-EIGHT HOUR NOTICE SHALL BE GIVEN TO THE OWNER PRIOR TO DISRUPTION OF UTILITIES OR SERVICES TO OR WITHIN THE BUILDING. SEE SPECIFICATION SECTION 01 00 00 GENERAL REQUIREMENTS.
4. BREAK CONNECTIONS ARE REQUIRED AT ALL MAJOR EQUIPMENT AND ALL PIPING ITEMS THAT REQUIRE REMOVAL FOR MAINTENANCE.
5. PIPE REDUCTIONS ON HORIZONTAL PIPING GOING FROM LARGER TO SMALLER SHALL BE MADE WITH ECCENTRIC REDUCERS. TOP FLAT FOR LIQUID SYSTEMS. CONCENTRIC REDUCERS MAY BE USED FOR FLOW GOING FROM SMALL TO LARGER SIZE PIPE.
6. FIRE SAFE ALL PIPE PENETRATIONS PER UL AT RATED WALLS.
7. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
8. NEW FLOOR/WALL/CEILING PENETRATIONS REQUIRED FOR PLUMBING INSTALLATION SHALL BE CLEANLY BORED AT RIGHT ANGLES. AS NEW PIPING IS INSTALLED, NEW PIPING PENETRATIONS SHALL BE NEATLY CAULKED TO FILL VOID. EXPOSED WALL PENETRATIONS SHALL BE FINISHED WITH ESCUTCHEONS.
9. CONNECTIONS BETWEEN NEW PIPING AND ALL FIXTURES SHALL TYPICALLY INCLUDE VACUUM BREAKERS, WATER HAMMER ARRESTORS, ETC. AS APPLICABLE BY CODE.
10. SANITARY WASTE PIPING SHALL BE SLOPED AT 1/4" PER FOOT MINIMUM FOR PIPING UNDER 4" AND 1/8" PER FOOT MINIMUM FOR PIPING 4" AND LARGER.
11. STORM PIPING SHALL BE SLOPED AT 1/8" PER FOOT MINIMUM.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST ASSOCIATED WITH PERMITS, METERS AND WATER MAIN TAPS.

PLUMBING KEYED NOTES:

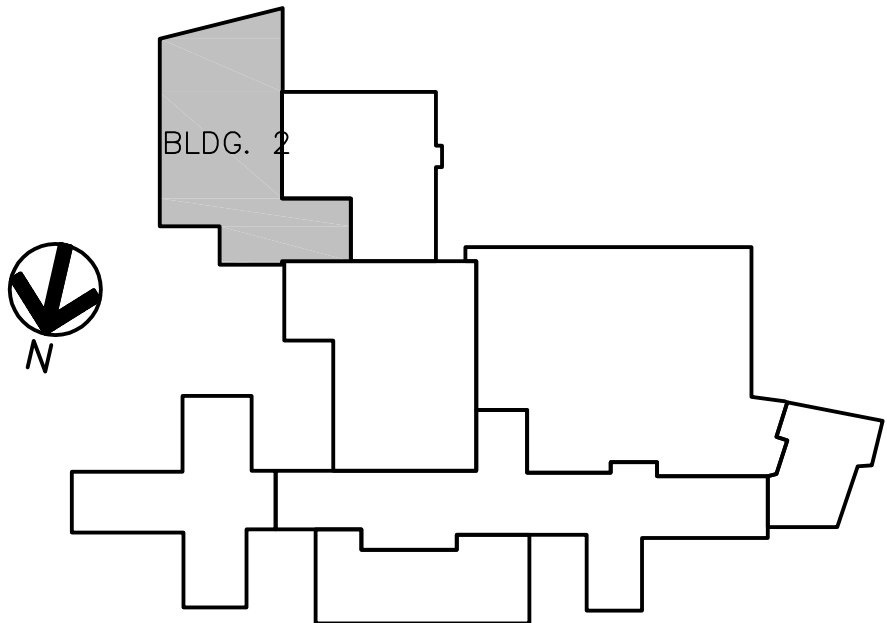
- | | |
|--|---|
| 1 4" ST UP TO ROOF DRAIN. | 14 2" W UP TO SINK. |
| 2 4" ST DOWN. | 15 2" V UP. |
| 3 8" ST UP. | 16 4" W UP TO WATER CLOSET. |
| 4 8" ST DOWN. | 17 3" W UP TO URINAL. |
| 5 2" W UP TO FLOOR DRAIN. | 18 2" W UP TO (2) LAVATORIES. |
| 6 2" V DOWN. | 19 3" W UP TO URINAL AND (2) LAVATORIES. |
| 7 2 1/2" V UP, 3" VTR. | 20 3/4" CW DOWN TO HOSE BIBB. |
| 8 1 1/2" V AND 1/2" CW DOWN TO ELECTRIC WATER COOLER. | 21 6" ST UP TO ROOF DRAIN. |
| 9 2" CW, 1" HW, AND 3/4" HWC UP. | 22 6" STORM DOWN. |
| 10 1 1/2" V, 3/4" CW AND 3/4" HW DOWN TO (2) LAVATORIES. | 23 1/2" CW DOWN TO WALL HYDRANT. |
| 11 2" V AND 1 1/2" CW DOWN TO (2) WATER CLOSETS. | 24 1 1/2" CW, 1 1/2" HW AND 2" TEMPERED WATER DOWN TO WALL MOUNTED MIXING VALVE, REFER TO DETAIL ON SHEET 2-P5. |
| 12 2" V AND 1 1/2" CW DOWN TO WATER CLOSET AND URINAL. | 25 3/4" CW DOWN FOR HEATING HOT WATER MAKE-UP. |
| 13 2" V, 3/4" CW AND 3/4" HW DOWN TO MOP SINK. SINK AND HOT WATER DISPENSER. HOT WATER DISPENSER SHALL BE COMPLETE WITH 5 GALLON COPPER TANK, ADJUSTABLE TEMP, SELF-CLOSING HOT VALVE, GROUNDING 3 PRONG (115 VOLT, 4.3 AMPS) AND DECK MOUNTED FAUCET. | 26 3/4" DOUBLE CHECK BACKFLOW PREVENTER. |
| | 27 SUMP PUMP SP-1 REMOTE ALARM. |
| | 28 1 1/4" TEMPERED WATER TO EMERGENCY SHOWER/EYE WASH UNIT. |

EXISTING OXYGEN SERVICE SHALL REMAIN ACTIVE UNTIL NEW PIPING HAS BEEN INSTALLED, TESTED AND CERTIFIED AT WHICH POINT THE EXISTING OXYGEN SERVICE SHALL BE SHUT DOWN TO ALLOW FOR CONNECTING NEW TO EXISTING AT THE BULK STORAGE TANK AND WITHIN THE BUILDING (REFER TO SITE PLANS AND PLUMBING PLANS).

SHUTDOWN SHALL BE LIMITED TO 12 HOURS AND SHALL INCLUDE THE CONNECTIONS TO EXISTING NOTED ABOVE AND RECERTIFICATION OF EXISTING OXYGEN SYSTEM THROUGHOUT THE HOSPITAL. REFER TO SHEET 2-P3 FOR PROPOSED LOCATION AND NUMBER OF OUTLETS TO BE RECERTIFIED. MEDICAL GAS CERTIFIER SHALL PROPERLY MAN THE PROJECT TO MEET SHUTDOWN REQUIREMENTS.

OWNER SHALL PROVIDE BOTTLED OXYGEN DURING THE SHUTDOWN.

REFER TO SPECIFICATION SECTIONS 22 13 00 FACILITY SANITARY SEWERAGE AND 22 40 00 PLUMBING FIXTURES FOR DESCRIPTION OF FIXTURES TO BE PROVIDED.



KEY PLAN
NOT TO SCALE

2-1

Date: 12-05-2014
CONSTRUCTION DOCUMENTS

Project No.
DVA#636-311
S-H#110240-0

DRAWING NO.
2-P1
Dwg. 5 of 24

Veterans
Administration

SHIVEHATTERY
ARCHITECTURE+ENGINEERING

2834 Northgate Drive | Iowa City, Iowa 52245
319.354.3040 | fax: 319.354.6921 | shive-hattery.com
Iowa | Illinois | Missouri

Drawing Title
FIRST FLOOR
PLUMBING PLAN

Approved: Division Chief

Approved: Service Director

Project Title
RENOVATE AND EXPAND
SPACE FOR PATIENT
SUPPORT AREAS

Building Number
2

Checked
TRF

Drawn
MSJ

Location
IOWA CITY VA HEALTH CARE SYSTEM
IOWA CITY, IOWA